

Patent Abstracts of Japan

PUBLICATION NUMBER : 10290796
PUBLICATION DATE : 04-11-98

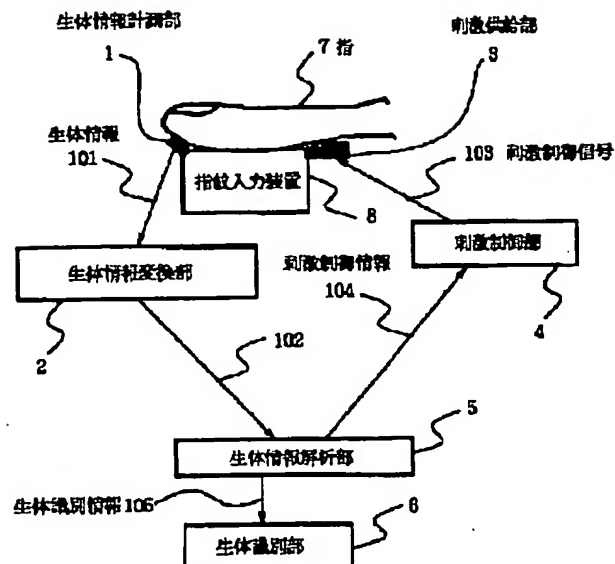
APPLICATION DATE : 18-04-97
APPLICATION NUMBER : 09101897

APPLICANT : NEC CORP;

INVENTOR : FUKUZUMI SHINICHI;

INT.CL. : A61B 5/117 // G06T 7/00

TITLE : METHOD AND DEVICE FOR IDENTIFYING LIVING BODY



ABSTRACT : PROBLEM TO BE SOLVED: To discriminate whether data are directly provided from a living body or not by measuring biological information generated from a finger and judging whether or not the biological information at the time of applying a sort of stimulation, to which the living body reacts, to the finger includes the contents of biological reflective reaction.

SOLUTION: A biological information measuring part 1 sends biological information 101 as the measured result of finger 7 to a biological information converting part 2, and this information is converted to biological information 102 and sent to a biological information analytic part 5. A stimulus supply part 3 applies a warming/cooling stimulus to the finger 7 corresponding to a stimulus control part 103 sent from a stimulus control part 4, generates the stimulus control signal 3 from stimulus control information containing information such as stimulus apply time, strength and presentation interval and sends this signal to the stimulus supply part 3. By sending the stimulus control information 104, the biological information analytic part 5 finds biological identification information 105 from the biological information 102 at the time of applying the warming/cooling stimulus to the finger 7 and sends it to a biological identification part 6 and while using the biological identification information 105, it is identified whether the finger 7 is the living body or a replica.

COPYRIGHT: (C)1998,JPO